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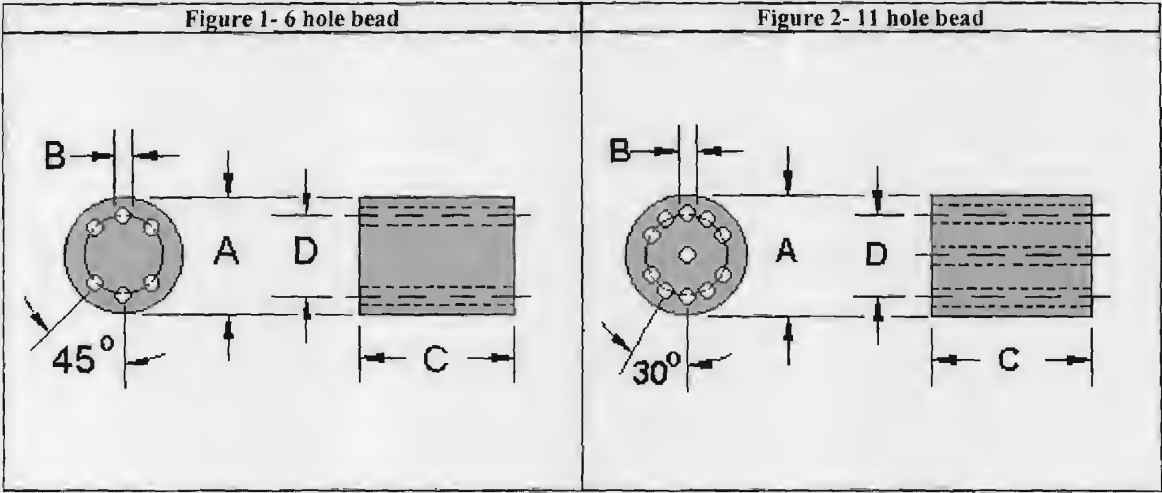
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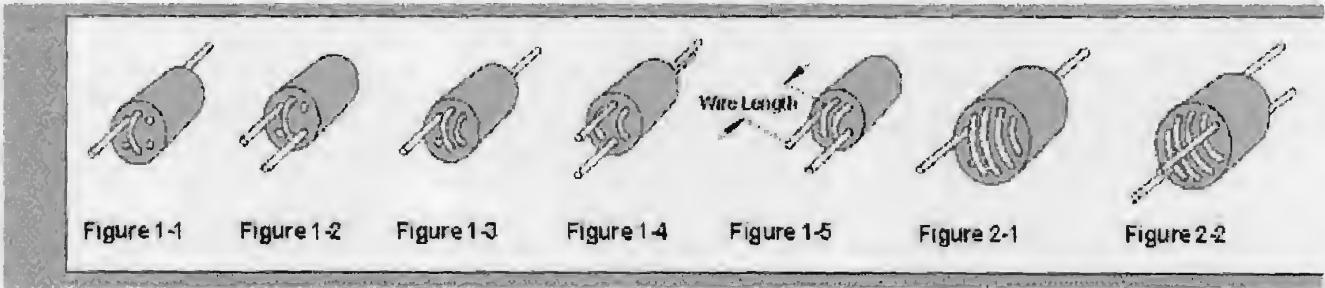
Wound Ferrite Bead Specifications

Six and eleven hole beads, in 44 material and 61 material, are available as beads and as beads wound in several winding configurations. Available materials: 61 and 44.



Dimensions in bold type are in millimeters; *italic numbers are nominal in inches.*
See notes below

Beads										
Part Number	Impedance (Ohm) @10 MHz	Impedance (Ohm) @50 MHz	Impedance (Ohm) @100MHz	Impedance (Ohm) @200MHz	Fig.	Wt (g)	A	B	C	D (Ref.)
2644666611	170 min.	320 min.	375 min.		1	1.2	6.0±0.25	0.75±0.15	10.0±0.25	3.5
2661666611		250 min.	400 min.	325 min.			<i>.236</i>	<i>.032</i>	<i>.394</i>	<i>.138</i>
2644777711	300 min.	725 min.	400 min.		2	3.3	10.0±0.25	0.9±0.15	10.0±0.25	7.5
							<i>.394</i>	<i>.038</i>	<i>.394</i>	<i>.295</i>



Wound Beads								
Part Number	Impedance (Ohm) @10 MHz	Impedance (Ohm) @50 MHz	Impedance (Ohm) @100MHz	Impedance (Ohm) @200MHz	Fig.	Turns	Wire Dia.	Wire Length
2944666661	170 min.	320 min.	375 min.		1-1	1½	.053	38.0±3.0
2961666661		250 min.	400 min.	325 min.			<i>24 AWG</i>	<i>1.500</i>
2944666651	240 min.	520 min.	480 min.		1-2	2	.053	38.0±3.0
2961666651		425 min.	600 min.	300 min.			<i>24 AWG</i>	<i>1.500</i>
2944666671	320 min.	680 min.	580 min.		1-3	2½	.053	38.0±3.0
2961666671		550 min.	675 min.	275 min.			<i>24 AWG</i>	<i>1.500</i>
2944666681	170 min.	320 min.	350 min.		1-4	2x1½	.053	See *
2961666681		325 min.	400 min.	325 min.			<i>24 AWG</i>	
2944666631	400 min.	800 min.	550 min.		1-5	3	.053	38.0±3.0
2961666631		650 min.	625 min.	250 min.			<i>24 AWG</i>	<i>1.500</i>

2944777741	650 min.	1000 min.	400 min.		2-1	4½	.065 22 AWG	38.0±3.0 1.500	3.8
2944777721	300 min.	725 min.	400 min.		2-2	2x2½	.065 22 AWG	See *	3.9

* Wire length of one winding is **38.0±3.0 (1.500)**; wire length of second winding is **28.5±3.0 (1.125)**.

Notes:

1- The **Expanded Bead-on-Lead EMI Suppressor Kit (P/N 0199000010)** is available for prototype evaluation.

2- Parts with a '1' as the last digit of the part number are supplied bulk packed. Parts **2943666651**, **2961666651**, **2943666631** and **2961666631** can be supplied radially taped and reeled per EIA standard 468-B. This packing method will change the last digit of the part number to a '4' (**2943666654**, **2961666654**, **2943666634** and **2961666634**).

3- Wire used for winding is oxygen free high conductivity copper with a tin plating.

4- These beads are controlled for impedance limits only. They are tested for impedance using a Hewlett-Packard HP 4191A RF Impedance Analyzer for 61 material beads and a Hewlett-Packard HP 4193A Vector Impedance Analyzer for 43 material beads. Bead part numbers **2643666611** and **2661666611** are tested with 1½ turns; part number **2643777711** with 2½ turns.

Information Request

Please send me Impedance versus Frequency curves and DC bias curves for Wound Bead part number(s). Please indicate your E-mail address, your name, and your company name.

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